BRUHAT BANGALORE MAHANAGARA PALIKE

BILL OF QUANTITIES (BOQ)

NAME OF THE WORK:-Improvements to drains of Amruthanagara main road(Sanjay Dhabha Road) in w d No.07, Byatarayanapura.

Sl. No.	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
1	578.66	KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.141.Item No.19.1)	cum	166.42	Rupees One Hundred Sixty Six and Forty Two Paise Only
2	229.60	Removing and resetting of kerb stones. Pg No. 265, Item No.37.57.	Sqm	65.72	Rupees Sixty Five and Seventy Two Paise Only
3	42.12	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour. HOM of machinery, curing complete as per specification . (Pg.No.12, It.4.3)	cum	5159.02	Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only
4	96.86	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications. Seocifications No. KBS 4.1,4.6 (Page NO. 13, Item NO. 4.11)	cum	6371.66	Rupees Six Thousand Three Hundred Seventy One and Sixty Six Paise Only
5	5.83	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary compiete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page No.17, Item No.17)	Tonne	64243.42	Rupees Sixty Four Thousand Two Hundred Forty Three and Forty Two Paise Only
6	952.85	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.(Page No.16, Item NO.4.32)	Sqm	387.96	Rupees Three Hundred Eighty Seven and Ninety Six Paise Only
7	258.30	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications (Data Rate Approved)	Sqm	2100.00	Rupees Two Thousand One Hundred Only
8	20.00	Providing and fixing MS Grating 260x260 mm(Page No.VIII, Sl No.237, code No.0771)	Nos	89.00	Rupees Eighty Nine Only
9	60.00	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete. Page No. 25 / Item No. 5.29.1 / PWD SR 2016-17	Nos	385.84	Rupees Three Hundred Eighty Five and Eighty Four Paise Only
10	129.15	Providing and applying ready mix priming coat over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications. Page No. 121 / Item No. 15.80	Sqm	27.56	Rupees Twenty Seven and Fifty Six Paise Only

Signature of the contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Executive Engine

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92

Sl. No.	Approved Qty.	Description	Unit	Issued to Technical Manager , KRIDL	
				In Figures	In Words
11	129.15	Providing and applying spray painting in two coats (excluding priming coat) over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt, and other foreign matter and sand papering including cost of materials, labour compelte as per specifications. Page No. 121 / Item No. 15.81	Sqm	69.96	Rupees Sixty Nine and Ninety Six Paise Only
12	137.77	Providing 100mm and down size nominal size	cum	750.00	Rupees Seven Hundred Fifty Only
13	55.11	Providing 40mm and down size nominal size	cum	900.00	Rupees Nine Hundred Only
14	36.74	Providing 20mm and down size nominal size	cum	1100.00	Rupees One Thousand One Hundred Only
15	27.55	Providing Fine aggrgate 2.36mm nominal size	cum	800.00	Rupees Eight Hundred Only
16	40.00	KSRRB M2900-2.1. Laying Reinforced cement concrete pipe NP4 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications. MORTH Specification No. 2900 B. 1200 mm dia MORTH Specification No. 2900 Page No. 251, Item No. 34.3, PWD SR 2016-17	Sqm	3852.04	Rupees Three Thousand Eight Hundred Fifty Two and Four Paise Only
17	578.66	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 118, item No. 17.1)	cum	106.00	Rupees One Hundred Six Only

1. The work should be executed as per the specification and standard specified by the PWD & Other specifications of the Bangalore Mahanagara Palike and as directed.
2. The work should be carried out as per the directions and instructions of the concerned Engineer
3. The Contractor should maintain the quality of work as per the standard specifications.

2/03
Executive Engineer (Byatarayanapura)
Bruhath Bangalore Mahanagara Palike

I am prepared to take up the above work at the rates quoted by me in the Schedule 'B'. 02/03

CONTRACTOR

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010